Author Index to Volume 5

- Abiodun, Adigun Ade, Satellite Survey of Particulate Distribution Patterns in Lake Kainji, 109
- Apel, John R., Byrne, Michael H., Proni John R., and Sellers, Ronald, A Study of Oceanic Internal Waves Using Satellite Imagery and Ship Data, 125
- Bajza, C. A.: See Wezernak, C. T., Tanis, F. J., And Bajza, C. A.
- Berman, M.: See Burns, K. L., Shepherd, J., and Berman, M.
- Blad, B. L.: See Heilman, J. L., Kanemasu, E. T., Rosenberg, N. J. and Blad, B. L.
- Bryan, M. L.: See Elachi, C., and Bryan, M. L.
- Burns, K. L., Shepherd, J., and Berman, M., Reproducibility of Geological Lineaments and Other Discrete Features Interpreted from Imagery: Measurement by a Coefficient of Association, 267
- Byrne, H. Michael: See Apel, John R., Byrne, H. Michael, Proni, John R., and Sellers, Ronald.
- Coleman, J. M.: See Rouse, L. J., and Coleman, J. M.
- Dechambenoy, C.: See Paul, S., Gilbert, J. P., Pontier, L., Dechambenoy, C., and Menenter, L.
- Elachi, C., and Bryan, M. L., Imaging Radar Observations of Frozen Arctic Lakes, 169
- Erratum: *RSE*., Vol. 4, No. 4, pp. 284, 1976, (Story, Yapp, and Dunn), 229

- Fraser, R. S.: See Otterman, J., and Fraser, R. S.
- Gibert, J. P.: See Paul, S., Gibert, J. P., Pontier, L., Dechambenoy, C., and Menenter, L.
- Gilbertson, B., Longshaw, T. G., and Viljoen, R. P., Multispectral Aerial Photography as Exploration Tool—IV-V: An Application in the Khomas Trough Region, South West Africa; and Cost Effectiveness Analysis and Conclusions, 93
- Gilbertson, B.: See Longshaw, T. G., and Gilbertson, B.
- Heilman, J. L., Kanemasu, E. T., Rosenberg, N. J., and Blad, B. L., Thermal Scanner Measurement of Canopy Temperatures to Estimate Evapotranspiration, 137
- Huh, Oscar Karl, Detection of Oceanic Thermal Fronts off Korea with the Defense Meteorological Satellites, 191
- Kanemasu, E. T.: See Heilman, J. L., Kanemasu, E. T., Rosenberg, N. J., and Blad, B. L.
- Kirkham, Robert G., and Stevenson, Merritt R., Computer Generated Gridding of Digital Satellite Imagery, 215
- Kratky, Vladimir, Grid-Modified Polynomial Transformation of Satellite Imagery, 67
- Landgrebe, David, Computer-Based Remote Sensing Technology—A Look to the Future, 229
- Longshaw, T. G., and Gilbertson, B., Multispectral Aerial Photography as Exploration Tool—III: Two Applications in the North-Western Cape Province, South Africa, 79

Author Index to Volume 5

- Abiodun, Adigun Ade, Satellite Survey of Particulate Distribution Patterns in Lake Kainji, 109
- Apel, John R., Byrne, Michael H., Proni John R., and Sellers, Ronald, A Study of Oceanic Internal Waves Using Satellite Imagery and Ship Data, 125
- Bajza, C. A.: See Wezernak, C. T., Tanis, F. J., And Bajza, C. A.
- Berman, M.: See Burns, K. L., Shepherd, J., and Berman, M.
- Blad, B. L.: See Heilman, J. L., Kanemasu, E. T., Rosenberg, N. J. and Blad, B. L.
- Bryan, M. L.: See Elachi, C., and Bryan, M. L.
- Burns, K. L., Shepherd, J., and Berman, M., Reproducibility of Geological Lineaments and Other Discrete Features Interpreted from Imagery: Measurement by a Coefficient of Association, 267
- Byrne, H. Michael: See Apel, John R., Byrne, H. Michael, Proni, John R., and Sellers, Ronald.
- Coleman, J. M.: See Rouse, L. J., and Coleman, J. M.
- Dechambenoy, C.: See Paul, S., Gilbert, J. P., Pontier, L., Dechambenoy, C., and Menenter, L.
- Elachi, C., and Bryan, M. L., Imaging Radar Observations of Frozen Arctic Lakes, 169
- Erratum: *RSE*., Vol. 4, No. 4, pp. 284, 1976, (Story, Yapp, and Dunn), 229

- Fraser, R. S.: See Otterman, J., and Fraser, R. S.
- Gibert, J. P.: See Paul, S., Gibert, J. P., Pontier, L., Dechambenoy, C., and Menenter, L.
- Gilbertson, B., Longshaw, T. G., and Viljoen, R. P., Multispectral Aerial Photography as Exploration Tool—IV-V: An Application in the Khomas Trough Region, South West Africa; and Cost Effectiveness Analysis and Conclusions, 93
- Gilbertson, B.: See Longshaw, T. G., and Gilbertson, B.
- Heilman, J. L., Kanemasu, E. T., Rosenberg, N. J., and Blad, B. L., Thermal Scanner Measurement of Canopy Temperatures to Estimate Evapotranspiration, 137
- Huh, Oscar Karl, Detection of Oceanic Thermal Fronts off Korea with the Defense Meteorological Satellites, 191
- Kanemasu, E. T.: See Heilman, J. L., Kanemasu, E. T., Rosenberg, N. J., and Blad, B. L.
- Kirkham, Robert G., and Stevenson, Merritt R., Computer Generated Gridding of Digital Satellite Imagery, 215
- Kratky, Vladimir, Grid-Modified Polynomial Transformation of Satellite Imagery, 67
- Landgrebe, David, Computer-Based Remote Sensing Technology—A Look to the Future, 229
- Longshaw, T. G., and Gilbertson, B., Multispectral Aerial Photography as Exploration Tool—III: Two Applications in the North-Western Cape Province, South Africa, 79

- Longshaw, T. G.: See Gilbertson, B., Longshaw, T. G., and Viljoen, R. P.
- McCluney, W. R., Remote Measurement of Water Color, 3
- Menenter, L.: See Paul, S., Gibert, J. P., Pontier, L., Dechambenoy, C., and Menenter, L.
- Otterman, J., and Fraser, R. S., Earth-Atmosphere System and Surface Reflectivities in Aird Regions from LANDSAT MSS Data, 247
- Paul, S., Gibert, J. P., Pontier, L., Dechambenoy, C., and Menenter, L., A Surface Thermal Anomaly in the Region of Chaudes-Aigues (France) Detected on Aerial Thermographs, 177
- Pontier, L.: See Paul, S., Gibert, J. P., Pontier, L., Dechambenoy, C., and Menenter, L.
- Price, John C., Multiple Solutions, the Nature of, for Surface Wind Speed Over the Oceans from Scatterometer Measurements, 47
- Proni, John R.: See Apel, John R., Byrne, H. Michael, Proni, John R., and Sellers, Ronald

- Ray, Peter S., Examination of a Dual Wavelength Doppler Radar Technique to Measure Vertical Wind Velocity and Drop-Size Distributions, 35
- Rosenberg, N. J.: See Heilman, J. L., Kanemasu, E. T., Rosenberg, N. J., and Blad, B. L.
- Rouse, L. J., and Coleman, J. M., Circulation Observations in the Louisiana Bight Using LANDSAT Imagery, 55
- Savigear, R. A. G., Letter to the Editor, 75
- Sellers, Ronald: See Apel, John R., Byrne Michael H., Proni, John R., and Sellers, Ronald
- Shepherd, J.: See Burns, K. L., Shepherd, J., and Berman, M.
- Stevenson, Merritt R.: See Kirkham, Robert G., and Stevenson, Merritt R.
- Tansi, F. J.: See Wezernak, C. T., Tanis, F. J., and Bajza, C. A.
- Viljoen, R. P.: See Gilbertson, B., Longshaw, T. G., and Viljoen, R. P.
- Wezernak, C. T., Tanis, F. J. and Bajza, C. A., Trophic State Analysis of Inland Lakes, 147

1976

Title Index to Volume 5

Book Review: Van Genderen, J. L., and Collins, W. G., Eds., Remote Sensing Data Processing (reviewed by G. H. Suits), 225

Circulation observations in the Louisiana Bight using LANDSAT imagery (Rouse, Coleman), 55

Computer-based remote sensing technology— A look to the future (Landgrebe), 229

Computer generated gridding of digital satellite imagery (Kirkham, Stevenson), 215

Dual wavelength doppler radar technique, examination of, to measure vertical wind velocity and drop-size distributions (Ray), 35

Earth-atmosphere system and surface reflectivities in arid regions from LANDSAT MSS Data (Otterman), 247

Editorials (Zissis), 1, 77

Geological lineaments, reproducibility of, and other discrete features interpreted from imagery: Measurement by a coefficient of association (Burns, Shepherd, Berman), 267

Grid-modified polynomial transformation of satellite imagery (Kratky), 67

Imaging radar observations of frozen arctic lakes (Elachi, Bryan, Weeks), 169

Multiple solutions, the nature of, for surface

wind speed over the oceans from scatterometer measurements (Price), 47

Multispectral aerial photography as exploration tool—III: Two applications in the North-Western Cape Province, South Africa (Longshaw, Gilbertson), 79

Multispectral aerial photography as exploration tool—IV-V: An application in the Khomas Trough Region, South West Africia; and cost effectiveness analysis and conclusions (Gilbertson, Longshaw, Viljoen), 93

Oceanic internal waves, a study of, using satellite imagery and ship data (Apel, Byrne, Proni, and Sellers), 125

Oceanic thermal fronts off Korea, detection of, with the defense meteorological satellites (Huh), 191

Remote measurement of water color (McCluney), 3

Satellite survey of particulate distribution patterns in Lake Kainji (Abiodun), 109

Surface thermal anomaly in the region of Chaudes-Aigues (France) detected on aerial thermographs (Paul, Gibert, Pontier, Dechambenoy, and Menenter), 177

Thermal scanner measurement of canopy temperatures to estimate evapotranspiration (Heilman, Kanemasu, Rosenberg, and Blad), 137

Trophic state analysis of inland lakes (Wezernak, Tanis, Bajza), 147

